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IN - SUZUKI TADAMI; others:04  
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AB - PURPOSE:To purify the oily smoke in a cooker by providing a circulating apparatus in its cooking chamber and disposing an oxidizing catalyst in said circulating route at the position exposed in said chamber.  
- CONSTITUTION:In the case of a cooker provided with sheath heaters 2 in the upper and lower parts in its cooking chamber 1 and shelves 3 in the intermediate part, a suction port 6 is provided in the upper surface of the wall 5 in the chamber and a circulating port 10 at the lower part of the chamber wall side surface, then said ports are allowed to communicate with each other by a circulating route 12. In the suction port 6 an oxidizing catalyst8 is provided so as to be exposed in the cooking chamber 1, while a circulating fan 7 is provided in the circulating route 12. Thereby, the air in the chamber is sucked through the suction port 6 and made to circulate into the chamber through the circulating port 10. In this case the oily smoke emitted from the material 9 being cooked is oxidized and decomposed to convert into energy as well as to purify.  
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## PATENT ABSTRACTS OF JAPAN

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(54) **COOKER**

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(57) Abstract:

**PURPOSE:** To purify the oily smoke in a cooker by providing a circulating apparatus in its cooking chamber and disposing an oxidizing catalyst in said circulating route at the position exposed in said chamber.

**CONSTITUTION:** In the case of a cooker provided with sheath heaters 2 in the upper and lower parts in its cooking chamber 1 and shelves 3 in the intermediate part, a suction port 6 is provided in the upper surface of the wall 5 in the chamber and a circulating port 10 at the lower part of the chamber wall side surface, then said ports are allowed to communicate with each other by a circulating route 12. In the suction port 6 an oxidizing catalyst 8 is provided so as to be exposed in the cooking chamber 1, while a circulating fan 7 is provided in the circulating route 12. Thereby, the air in the chamber is sucked through the suction port 6 and made to circulate into the chamber through the circulating port 10. In this case the oily smoke emitted from the material 9 being cooked is oxidized and decomposed to convert into energy as well as to purify.

